

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2011 Levee Inspection Results**

**City of Sacramento**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**City of Sacramento**

Waterway	Bank	Unit Miles
Unit No. 01 City of Sacramento	Left	3.63

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/8/2011 - 4/8/2011			
DWR Inspector	John Williamson			
Accompanied By	Doug Henery City of Sacramento			
	Jeff Chase City of Sacramento			
	William Roberts City of Sacramento			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63	04/08/2011 04/08/2011	John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.14	0.14	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: state recorder can( DWR) fenced area	38.588715 ° -121.504885 °	38.588715 ° -121.504885 °	1 Y
2	0.16	0.16	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: historical building	38.588425 ° -121.504860 °	38.588425 ° -121.504860 °	2 Y
3	0.37	0.73	Earthen Levee	Encroachments	CR	PO	Buildings Inspector Comments: This is Old Sacramento a flood wall is in place. This part is a walking inspection.	38.585525 ° -121.505338 °	38.580445 ° -121.506966 °	14 Y
4	0.78	0.78	Earthen Levee	Encroachments	CR	PO	Buildings Inspector Comments: Embassy Suites	38.579712 ° -121.507347 °	38.579712 ° -121.507347 °	4 Y
5	0.78	1.17	Earthen Levee	Encroachments	CR	PO	Landscaping Inspector Comments: River walk along the water front	38.579705 ° -121.507360 °	38.574710 ° -121.510208 °	5 Y
6	1.15	3.61	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.574787 ° -121.510142 °	38.541440 ° -121.511237 °	13 Y
7	1.33	1.40	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2:1 slope, holes, sands and silts, 4.81 ft/s [2009 SiteID:SAC_58-4_L]	38.573133 ° -121.512278 °	38.572342 ° -121.513175 °	15 Y
8	1.38	1.38	Earthen Levee	Encroachments	CR	W	Equipment Inspector Comments: The two box cars have now replace the sheds.	38.572320 ° -121.512668 °	38.572320 ° -121.512668 °	3 Y
9	1.46	1.46	Earthen Levee	Encroachments	CR	W	Equipment Inspector Comments: The trains have been move upstream to this new location.	38.571477 ° -121.513744 °	38.571477 ° -121.513744 °	9 Y
10	1.52	1.52	Earthen Levee	Encroachments	CR	C	Buildings Inspector Comments: Storage sheds have been removed and two box cars have replaced them.	38.572267 ° -121.512312 °	38.572267 ° -121.512312 °	11
11	1.54	1.54	Earthen Levee	Encroachments	CR	C	Equipment Inspector Comments: This area is a concern due to work the COE did at Pioneer Reservoir with a stability berm and monitoring wells on the land side. This is due to the levee seepage. The concern is that the weight of the train cars may cause problems. Total eight cars.	38.571495 ° -121.513615 °	38.571495 ° -121.513615 °	12
12	1.73	1.96	Earthen Levee	Encroachments	CR	W	Equipment Inspector Comments: Levee is oversize with railroad tracks and paved parking this area is Miller Park	38.568172 ° -121.516042 °	38.564882 ° -121.516265 °	6 Y
13	1.74	3.61	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.568066 ° -121.516085 °	38.541440 ° -121.511236 °	17 Y
14	1.96	2.34	Earthen Levee	Encroachments	CR	W	Equipment Inspector Comments: Railroad tracks run on crown of levee, paved roadway runs along toe on waterside this is Miller Park Marina area.	38.564900 ° -121.516253 °	38.559460 ° -121.515085 °	7 Y

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**City of Sacramento**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 City of Sacramento						Left	3.63	04/08/2011 04/08/2011	John Williamson	

  

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
15	2.45	2.45	Earthen Levee	Vegetation	LS	W	Elderberries are blocking visibility and flood fight capability.	38.557937 ° -121.514237 °	38.557937 ° -121.514237 °	8
16	2.90	2.90	Earthen Levee	Encroachments	CR	PO	Buildings	38.551810 ° -121.511838 °	38.551810 ° -121.511838 °	10 Y
17	3.29	3.29	Earthen Levee	Encroachments	CR	C	Equipment Inspector Comments: Flat cars and railroad tracks on crown.	38.546165 ° -121.510165 °	38.546165 ° -121.510165 °	16

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2011

### City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63	04/08/2011 04/08/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.14
End Levee Mile	0.14
Location	Water Side
Category	Earthen Levee
Item	Encroachments

I Street recorder can

johngw\_s\_20110228\_084.jpg



Levee Mile Report Line	2
Start Levee Mile	0.16
End Levee Mile	0.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Historical Building with foundations and Ramps on upstream and downstream sides

johngw\_s\_20110228\_085.jpg



Levee Mile Report Line	3
Start Levee Mile	0.37
End Levee Mile	0.73
Location	Crown
Category	Earthen Levee
Item	Encroachments

Photo looking downstream from the Delta King of Old Sacramento.

johngw\_s\_20110228\_095.jpg



**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63	04/08/2011 04/08/2011	John Williamson

Levee Mile Report Line	3
Start Levee Mile	0.37
End Levee Mile	0.73
Location	Crown
Category	Earthen Levee
Item	Encroachments
A look at Joe's Crab Shack on the levee in Old Sacramento.	
johnngw_s_20110228_096.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Crown
Category	Earthen Levee
Item	Encroachments
Embassy Suites	
johnngw_s_20110228_086.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.78
End Levee Mile	1.17
Location	Crown
Category	Earthen Levee
Item	Encroachments
River walk crown with landscaping	
johnngw_s_20110228_087.jpg	

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63	04/08/2011 04/08/2011	John Williamson

Levee Mile Report Line	6
Start Levee Mile	1.15
End Levee Mile	3.61
Location	Water Side
Category	Earthen Levee
Item	Vegetation

The photo is of the waterside levee slope. The vegetation complies with standards.

johngw\_s\_20110411\_429.jpg



Levee Mile Report Line	7
Start Levee Mile	1.33
End Levee Mile	1.40
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: no berm, 2:1 slope, holes, sands and silts, 4.81 ft/s [2009 SiteID:SAC\_58-4\_L]

johngw\_s\_20110228\_097.JPG



Levee Mile Report Line	8
Start Levee Mile	1.38
End Levee Mile	1.38
Location	Crown
Category	Earthen Levee
Item	Encroachments

This is the replacement of the storage bins on the railroad tracks.

johngw\_s\_20110411\_432.jpg



**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63	04/08/2011 04/08/2011	John Williamson

Levee Mile Report Line	9
Start Levee Mile	1.46
End Levee Mile	1.46
Location	Crown
Category	Earthen Levee
Item	Encroachments
<p>The trains that were at 1.54 have been pulled upstream to this location. The CVFPB has asked that they be removed from the levee.</p>	
<p>johngw_s_20110228_091.jpg</p>	



Levee Mile Report Line	12
Start Levee Mile	1.73
End Levee Mile	1.96
Location	Crown
Category	Earthen Levee
Item	Encroachments
<p>Miller Park at Broadway railroad track and parking area on levee</p>	
<p>johngw_s_20110228_088.jpg</p>	



Levee Mile Report Line	13
Start Levee Mile	1.74
End Levee Mile	3.61
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>The photo is of the landside levee slope at Miller Park. The vegetation complies with standards.</p>	
<p>johngw_s_20110411_430.jpg</p>	

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63	04/08/2011 04/08/2011	John Williamson

Levee Mile Report Line	14
Start Levee Mile	1.96
End Levee Mile	2.34
Location	Crown
Category	Earthen Levee
Item	Encroachments

Railroad tracks are on levee crown. The street is to the boat ramp.

johngw\_s\_20110228\_089.jpg



Levee Mile Report Line	14
Start Levee Mile	1.96
End Levee Mile	2.34
Location	Crown
Category	Earthen Levee
Item	Encroachments

The Railroad museum has moved the trains to this area along Miller Park.

johngw\_s\_20110411\_431.jpg



Levee Mile Report Line	16
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Crown
Category	Earthen Levee
Item	Encroachments

pump station city of Sacramento crown of levee waterside

johngw\_s\_20110228\_092.jpg



**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated

C : Corrected  
W : Watch/Monitor